

PATENT COOPERATION TREATY

From the Japan Patent Office (INTERNATIONAL SEARCHING AUTHORITY)

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PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY
(Implementing Regulation 40 bis)
(PCT Rule 43bis.1)

Date of mailing
(day/month/year) 02/11/2004

Applicant's or agent's file reference
00000215-PCT

FOR FURTHER ACTION

See paragraph 2 below

International application No.
PCT/JP2004/014053

International filing date (day/month/year)
27/09/2004

Priority date (day/month/year)
30/09/2003

International Patent Classification (IPC) or both national classification and IPC
Int. Cl.⁷ H01P 1/20

Applicant (Name)
Murata Manufacturing Company, Ltd.

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220

3. For further details, see notes to Form PCT/ISA/220

Date of completion of this opinion

14/10/2004

Name and mailing address

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**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/JP2004/014053

Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
☐ This opinion has been established on the basis of a translation from the original language into the following language _____, which is the language of a translation furnished for the purpose of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material
☐ a sequence listing
☐ table(s) related to the sequence listing
 - b. format of material
☐ in written format
☐ in computer readable form
 - c. time of filing/furnishing
☐ contained in the international application as filed.
☐ filed together with the international application in computer readable form.
☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/JP2004/014053

Box No. V **Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Statement

Novelty (N)	Claims	_____ 1 to 5 _____	YES
	Claims	_____	NO
Inventive step (IS)	Claims	_____	YES
	Claims	_____ 1 to 5 _____	NO
Industrial applicability (IA)	Claims	_____ 1 to 5 _____	YES
	Claims	_____	NO

2. Citations and explanations:

Document 1: JP 2002-217620 A (Murata Manufacturing Company, Ltd.)

02/08/2002, full text, all figures (No families)

Document 2: JP 10-32404 A (Taiyo Yuden Co., Ltd.)

03/02/1998, full text, all figures (No families)

Document 3: JP 61-270902 A (NEC Corporation)

01/12/1986, full text, all figures (No families)

Document 4: JP 58-110059 A (Fujitsu, Ltd.)

30/06/1983, full text, all figures (No families)

Claims 1, 2, 4, and 5

The inventions set forth in Claims 1, 2, 4, and 5 differ from the invention set forth in Document 1 in the following points and share common features with Document 1 in other points.

- (1) The presence of an insulative adhesive
- (2) The presence of an insulating layer

These differences will be considered in detail.

- (1) Using an insulative adhesive for connecting dielectric members to each other is known, as described in, for example, Document 2.
- (2) Providing an insulating layer (spacer) to adjust the coupling amount between a resonator and a transmission line is known, as described in, for example, Document 3.

Therefore, the inventions set forth in Claims 1, 2, 4, and 5 are obvious to a person skilled in the art and therefore lack inventive steps in view of the inventions set forth in Documents 1 to 3.

Claim 3

Document 4 includes a description regarding a relief passage.

Accordingly, the invention set forth in Claim 3 is obvious to a person skilled in the art and therefore lack an inventive step in view of the inventions set forth in Documents 1 to 4.